

APR 18 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Sang H. Ahn et al.

§ GROUP ART UNIT: 1752

SERIAL NO.: 10/724,454

§

FILED: November 28, 2003

§ EXAMINER: Hoa Van Le

FOR: MAINTENANCE OF PHOTORESIST ADHESION  
AND ACTIVITY ON THE SURFACE OF DIELECTRIC  
ARCS FOR 90 nm FEATURE SIZES§ Attorney Docket No.:  
§ AM-8472

Date: April 18, 2005

**RESPONSE TO RESTRICTION REQUIREMENT UNDER 35 U.S.C. § 121**  
**TRANSMITTAL LETTER**

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

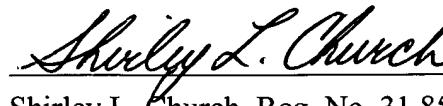
Sir:

Applicant is responding to the Office Action mailed March 3, 2005, having a shortened statutory period for reply of one month. The Office Action is a Restriction Requirement. Applicant is submitting a one month Request for Extension of Time to respond to the Restriction Requirement, to extend the time period for response through May 3, 2005.

---

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ED 330970727 US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 18, 2005

---

Shirley L. Church, Reg. No. 31,858

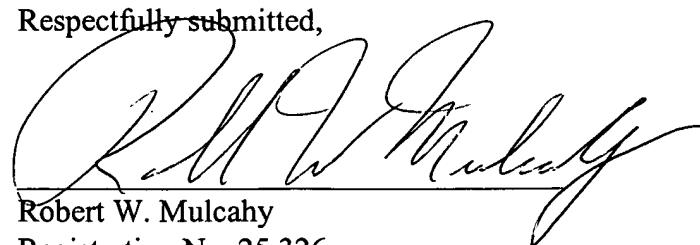
The claims have not been amended.

A Petition for a One Month Extension of Time to respond to the outstanding restriction requirement accompanies the present Response to Restriction Requirement. The fee for a One Month Extension of Time to respond is \$120.00.

The Commissioner is hereby authorized to charge the amount of \$ 120.00, in payment of the fee under 37 CFR § 1.17(a)(1) for filing of a request for a one month extension of time to reply, as well as any additional fees which may be due, and to credit any overpayment, to Deposit Account 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,



Robert W. Mulcahy  
Registration No. 25,326  
Attorney for Applicants

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052



Attorney Docket No.: AM-8472

4-19-05

Express Mail No. ED 330970727 US

I FCW  
S

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Sang H. Ahn et al.

§ GROUP ART UNIT: 1752

SERIAL NO.: 10/724,454

§

FILED: November 28, 2003

§

FOR: MAINTENANCE OF PHOTORESIST ADHESION  
AND ACTIVITY ON THE SURFACE OF DIELECTRIC  
ARCS FOR 90 nm FEATURE SIZES

§

§ Attorney Docket No.:  
§ AM-8472

Date: April 18, 2005

**RESPONSE TO RESTRICTION REQUIREMENT**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

This Response to Restriction Requirement is being submitted in response to the Office Action mailed March 3, 2005, having a shortened period for response of April 3, 2005. A Petition For A One Month Extension of Time to respond accompanies this Response, to extend the time for response through May 3, 2005.

Claims 1 - 40 are pending in the Office Action. The Examiner has required an election from one of four inventions which are said to be present in the application.

---

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper and any documents said to accompany this paper are being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ED 330970727 US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 18, 2005

*Shirley L. Church*  
Shirley L. Church, Reg. No. 31,858

---